

Dec 03, 2018

1:00PM – 3:00PM

Connecticut Education Network - Update

LOB, Hearing Room 1C, 300 Capitol Avenue, Hartford, CT

- Staffing
 - CEN currently has 10 full-time staff members, 8 part-time student workers, 1 special payroll, and 1 volunteer (1 day /week).
 - Network Technician post closed 11/25, committee is reviewing candidate pool.
- Budget
 - State biennium budget released. CEN \$0 appropriation moving forward as expected. Bond request for FY 20 and 21 to partially refresh the network is included.
 - General call for CET member constituent support to raise awareness for CEN within the new administration; will seek targeted meetings to this end.
- FY 2020 Pricing Announcement
 - Announcement Attached. Sent to CEN community on 11/21. Internet pricing largely flat.
 - Substantive changes include: *decrease* in price to the 50 Mbps tier, pricing for CEN Managed Firewall service, IPv4 price schedule for additional allocations (based on availability).
- Policy Review
 - No change: Plan is to revise / update as needed, provide for comment, and post as part of new Website launch.
- Value-Added Services / Revenue Generation
 - Managed Firewall Service: Additional promotional activities coming. Initial response good.
 - Mutually Agreed Norms for Routing Security (MANRS) is an Internet Society and IETF supported initiative to increase overall Internet security associated with route hijacking, spoofing, leaks, and other harmful activities. CEN and became MANRS certified as of October 9th.
 - Other potential services in concept mode and awaiting feedback from members of the CEN councils; possible CEN member survey feedback to assist with prioritization.
- CEN Engagement
 - CEN Strategic Planning has begun. Have representation of member groups participating along with the CEN team. Community workshops will be announced soon.
 - CEN Education and Development Advisory Council: Hosted event on Student Data Privacy - Nov 20th, CSUS campuses and Ferguson Library, 211 registered and ~180 attendees.
https://www.facebook.com/ctedunet/?tn-str=k*F
 - New website still underway with systematic overhaul of the current to the new. Expected shortly after the new year.
 - CEN Annual Conference Website, May 10 is now available <https://bit.ly/2BBJakU>
- Threat Management / DDoS Mitigation
 - Since July 1, mitigated 383 attacks, 176 since past CET meeting with on-premise Arbor/Netsout.
 - Akamai Prolexic services now fully configured for select overrun needs if/when on premise solution is overwhelmed. Akamai solution is cost effective for emergencies.
- NYC Buildout
 - NEREN Collaboration (RI, MA, VT, NH, ME, NY).

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Connecticut Education Network Update (continued)

- Connectivity into one of the busiest telco areas in the world, increasing CEN's capability and reach.
- Will result in more diverse options and lower commodity (backbone) Internet rates, commercial peering to reduce costs, backhaul opportunities to Ashburn, VA and Chicago, IL, peering partnerships with other Regional Optical Networks (RONs) within the Research and Education network space.
- Updated target completion date winter 19 (from summer 18).
- Initiating orders for service turn ups early January pending full completion of the NEREN fiber.
- CT Library Fiber Consortium
 - Project leverages federal E-rate funds and matching State Library bond funds.
 - 54/54 libraries currently connected for Phases 1 - 3.
 - CEN was awarded bid for Phase 4 from Connecticut Libraries Fiber Consortium (CLFC). Currently three libraries committed.
 - CEN responded to State Library bid due Nov 30, 2018. Solicitation includes 49 eligible branch and main libraries. The next step is for the libraries who want to move forward to submit their E-rate applications by the end of March 2019.
 - Current project across all current phases will bring total fiber-connected libraries to 144 of 239 (total includes 47 branch libraries of 239 total libraries).
- New Members/Customers (as of last Commission meeting, September 10)
 - Municipalities
 - Town of Weston
 - Town of Bethlehem
 - City of Ansonia
 - Public Safety
 - Simsbury Fire District
 - Bethlehem Fire Department
 - Ansonia Rescue Medical Services
 - Middletown Police Department
 - Metropolitan Transit Authority (MTA) Stamford and Bridgeport locations
 - Open Access
 - HC2 Broadcasting
 - Ideanomics (SSC) / Fintech Village, LLC / RM Bradley
 - ACMT, Inc.
 - Private K12
 - Pomfret School